

FORM PTO-1449
(REV. 7-80)
(Title Amended 3/83)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

14028-1

SERIAL NO.

10/791,597

INFORMATION DISCLOSURE STATEMENT BY APPLICANT--

LIST OF ITEMS

(Use several sheets if necessary)

Applicant

Brent Jerome Brunell et al.

Filing Date

March 2, 2004

Group

3748⁶

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	*Dates 20-- NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DL	AA 6 0 5 6 7 8 1	05/02/00	Wassick et al.			
DL	AB 6 2 0 8 9 1 4	03/27/01	Ward et al.			
DL	AC 6 5 2 6 3 5 8	02/25/03	Mathews, Jr. et al.			
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	No
DL	AL 0 3 0 6 5 1 3 5	08/07/03	WO				
DL	AM 1 2 9 8 0 5 3	04/02/03	EP				
	AN						
	AO						
	AP						

OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc.)

DL	AR	EP 04258055 - EP SEARCH REPORT, May 4, 2005.
	AS	
	AT	

EXAMINER

T. Kim

DATE CONSIDERED

10/25/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 140228		SERIAL NO. 10/791,592 Unknown									
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Brunell, et al.											
				FILING DATE		GROUP ART UNIT Unknown									
U.S. PATENT DOCUMENTS															
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE *	DATE 20-- 12 NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE								
m	A1	2001/0040104A1	11/15/01	Patrick et al.	X	X									
	A2	2001/0056315A1	12/27/01	Nagafuchi et al.											
	A3	2001/0047648A1	12/06/01	Griffiths											
	A4	2001/0040105 A1	11/15/01	Patrick et al.											
	A5	2001/0033791A1	10/25/01	Dalton et al.											
	A6	2001/0032109A1	10/18/01	Gonyea et al.											
	A7	2002/0026783A1	03/07/02	Utamura											
FOREIGN PATENT DOCUMENTS															
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION								
							YES	NO							
m	A8	EP 0216356 B1	04/1994	EPO	X	X									
	A9	EP 0322158B1	10/1995	EPO											
	A10	EP 0324633 B1	6/1993	EPO											
	A11	EP 0330492A2	02/1989	EPO											
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)															
<div style="border: 1px solid black; height: 100px; width: 100%; position: relative;"> <div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border-left: 2px solid black; border-right: 2px solid black;"></div> </div>															
EXAMINER T. KIM				DATE CONSIDERED 10/25/05											
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>AM</i>	B1	2002/0016640A1	02/07/02	Gagne			
	B2	2002/0002818A1	01/10/02	Badeer			
	B3	3,691,759	09/19/72	Scheerer			
	B4	3,721,120	03/20/73	Howell et al.			
	B5	3,738,104	06/12/73	Rosa			
	B6	3,844,112	10/29/74	Harrison			
	B7	3,851,157	11/26/74	Ellis			
	B8	3,866,108	02/11/75	Yannone et al.			
	B9	3,891,915	06/24/75	Yannone et al.			
	B10	3,892,975	07/01/75	Yannone et al.			
	B11	3,892,978	07/01/75	Haley			
	B12	3,898,439	08/05/75	Reed et al.			
	B13	3,911,285	10/07/75	Yannone et al.			
	B14	3,913,314	10/21/75	Yannone et al.			
	B15	3,919,623	11/11/75	Reuther			
	B16	3,924,140	12/02/75	Yannone			
	B17	3,924,141	12/02/75	Yannone et al.			
	B18	3,943,371	03/09/76	Yannone et al.			
	B19	3,943,373	03/09/76	Yannone et al.			
	B20	4,019,315	04/26/77	Yannone et al.			
	B21	4,031,407	06/21/77	Reed			
	B22	4,051,669	10/04/77	Yannone et al.			
	B23	4,060,980	12/06/77	Elsaesser et al.			
	B24	4,208,591	06/17/80	Yannone et al.			
	B25	4,215,412	07/29/80	Bernier et al.			
	B26	4,242,042	12/30/80	Schwarz			
	B27	4,242,592	12/30/80	Yannone et al.			
<i>AM</i>	B28	4,258,545	03/31/81	Slater			

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Brunell, et al.			
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>IN</i>	C1	4,259,835	04/07/81	Reed et al.			
	C2	4,275,557	06/30/81	Marvin et al.			
	C3	4,276,744	07/07/81	Pisano			
	C4	4,305,129	12/08/81	Yannone et al.			
	C5	4,308,463	12/29/81	Giras et al.			
	C6	4,309,871	01/12/82	Venema			
	C7	4,314,441	02/09/82	Yannone et al.			
	C8	4,411,595	10/25/83	Pisano			
	C19	4,423,594	01/03/84	Ellis			
	C10	4,437,303	03/20/84	Cantwell			
	C11	4,442,668	04/17/84	Conn			
	C12	4,446,692	05/08/84	Adkins			
	C13	4,449,358	05/22/84	Mani			
	C14	4,455,614	06/19/84	Martz et al.			
	C15	4,506,504	03/26/85	Nick			
	C16	4,525,998	07/02/85	Schwarz			
	C17	4,528,812	07/16/85	Cantwell			
	C18	4,578,756	03/25/86	Rosenbush et al.			
	C19	4,648,241	03/10/87	Putman et al.			
	C20	4,651,518	03/24/87	McLaughlin et al.			
	C21	4,655,034	04/07/87	Kenison et al.			
	C22	4,809,500	03/07/89	Roberts, Jr.			
	C23	4,842,477	06/27/89	Stowell			
	C24	4,967,550	11/06/90	Acton et al.			
	C25	4,999,991	03/19/91	Haddad et al.			
	C26	5,005,353	04/09/91	Acton et al.			
	C27	5,051,918	09/24/91	Parsons			
<i>IN</i>	C28	5,067,099	11/19/91	McCown et al.			

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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				APPLICANT Brunell, et al.			
				FILING DATE		GROUP ART UNIT Unknown	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	<i>dates 19--</i> NAME <i>TX</i>	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>TX</i>	D1	5,080,496	01/14/92	Keim et al.			
	D2	5,081,830	01/21/92	Schwarz et al.			
	D3	5,082,421	01/21/92	Acton et al.			
	D4	5,083,277	01/21/92	Shutler			
	D5	5,099,436	03/24/92	McCown et al.			
	D6	5,197,280	03/30/93	Carpenter et al.			
	D7	5,285,631	02/15/94	Bechtel, II et al.			
	D8	5,309,379	05/03/94	Rawlings et al.			
	D9	5,343,693	09/06/94	Komatsu et al.			
	D10	5,385,012	01/31/95	Rowe			
	D11	5,394,689	03/07/95	D'Onofrio			
	D12	5,410,883	05/02/95	Nigawara et al.			
	D13	5,447,059	09/05/95	Miller et al.			
	D14	5,448,881	09/12/95	Patterson et al.			
	D15	5,537,813	07/23/96	Davis et al.			
	D16	5,551,227	09/03/96	Moulton et al.			
	D17	5,706,207	01/06/98	Kurten et al.			
	D18	5,718,111	02/17/98	Ling et al.			
	D19	6,063,129	05/16/00	Dadd et al.			
	D20	6,155,038	12/05/00	Irwin et al.			
	D21	6,169,927	06/02/01	Schonthal et al.			
	D22	6,226,597	05/01/01	Eastman et al.			
	D23	6,226,974	05/08/01	Andrew et al.			
	D24	6,239,504	05/29/01	Gobrecht et al.			
	D25	6,266,953	07/31/01	Ramstetter et al.			
	D26	6,272,422	08/07/01	Khalid et al.			
	D27	6,282,882	09/04/01	Dudd, Jr. et al.			
	D28	6,286,301	09/11/01	Utamura			
<i>TX</i>	D29	6,302,682	10/16/01	Early et al.			

dates 20-- TX

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FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
	F1	EP 0371225A2	09/1989	EPO				
	F2	EP 0381399B1	01/1990	EPO				
	F3	EP 0418189B1	09/1990	EPO				
	F4	EP 0420599B1	09/1990	EPO				
	F5	EP 0457783B1	06/1994	EPO				
	F6	EP 0509802B1	09/1995	EPO				
	F7	EP 0583771A1	08/1993	EPO				
	F8	EP 0626697A1	05/1994	EPO				
	F9	EP 0628727B1	08/1997	EPO				
	F10	EP 0651145B1	09/1998	EPO				
	F11	EP 0654162B1	06/1999	EPO				
	F12	EP 0654161B1	06/1999	EPO				
	F13	EP 0704023B1	03/1996	EPO				
	F14	EP 0980980A2	08/1999	EPO				
	F15	EP 1063402A2	12/2000	EPO				
	F16	EP 1098140A1	11/2000	EPO				
	F17	EP 1103876A1	05/2001	EPO				
	F18	EP 1103926A2	05/2001	EPO				
	F19	EP 1114991A2	07/2001	EPO				
	F20	EP 1118857A2	07/2001	EPO				
	F21	WO 0008327A2	02/2000	PCT				
	F22	WO 0017577A1	03/2000	PCT				
	F23	WO 0034638A1	06/2000	PCT				
	F24	WO 0034639A1	06/2000	PCT				
	F25	WO 0039442A2	06/2000	PCT				
	F26	WO 0071876A1	11/2000	PCT				
	F27	WO 0120148A2	03/2001	PCT				
	F28	WO 0159535A1	08/2001	PCT				
	F29	WO 0161168A1	08/2001	PCT				

